

NHPUC 8JUL'16AM10:40

Login Username

linda modica

Login Email

linda@knollwoodenergy.com

NH Public Utilities Commission

REC Aggregator Portal

New Users [CLICK HERE](#) to setup your account for this form. Creating an account enables you to partially complete the form and return later to finish it or to make changes after the form is submitted. Be sure to create your account **BEFORE** entering information into the form, or the information will be lost.

Existing Users [CLICK HERE](#)**Basic Information**

Aggregator Batch Number

KE070516

Aggregator name

Knollwood Energy

Facility Owner Name

Bruce McCracken

Facility Address

82 Waumbeck Rd.

Facility Town/City

Wolfebore

Facility State

NH

Facility Zip

03894

Mailing Zip

03894

Primary Contact

Karen Tenneson

Facility Information

Class

II

Utility

Wolfeboro Municipal Electric

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

NON85973

Date of Initial Operation

05/20/2016

Facility Operator Name, if applicable

Panel Make #1

Suniva Optimus

Panel Model

OPT285

Panel Quantity

44

Panel Rated Output

285

Other panel make

Other panel model

More Panel types?

- ☒ No
☐ Yes

Panel Make #2

Panel Model

Panel Quantity

Panel Rated Output

More Panel types?

- ☒ No
☐ Yes

Panel Make #3

Panel Model

Panel Quantity

Panel Rated Output

System capacity based on panels

Inverter Make

Other inverter make

Inverter Quantity

1

Additional Inverter Make

None

Add'l Inverter Quantity

Rated Output - Primary Inverter

11400

Rated Output - Additional Inverter

System capacity based on single inverter make

11400

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

12.1

Revenue Grade Meter Make

Revenue Grade GIS Approved Meter

ITRON CENTRON

Other revenue-grade GIS-approved meter

Was this facility installed directly by the customer (no electrician involved)?

☐ Yes

☒ No

Electrician Name & Number

Kim Frase4146M

Other Electrician Name & Number

Installation Company

Frase Electric, LLC

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Equipment Vendor Company Name

Independent Monitor Name & Company

Paul Button - Energy Audits Unlimited

Other Monitor Name and Company

Is the installer also the equipment supplier?

- ☒ Yes
☐ No

Equipment Vendor

Please attach your completed interconnection agreement including Exhibit B.

https://fs30.formsite.com/jan1947/files/f-5-99-7145384_TT7YbQYa_McCrackenWolfeElecCompletionPg1751

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter (meeting ANSI C-12.1-2008 for installations up to and including 10 kW, or ANSI C12.16 or better for installations greater than 10kW up to 1 mW) is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here


https://fs30.formsite.com/jan1947/files/f-5-168-7145384_xZGHHKsS_McCracken_contract_part_3_-_signed

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-173-7145384_WNh1G5Bm_McCrackenWolfeElecCompletionPg3

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

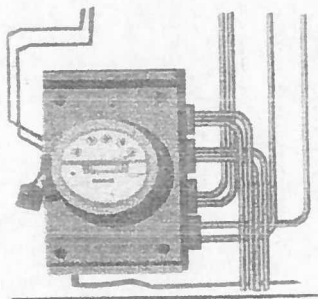
Karen Tonnesen

Date Signed

07/05/2016


WOLFEBORO MUNICIPAL ELECTRIC DEPARTMENT
NET METERING PILOT PROGRAM

Customer-Owned Renewable Energy Generation Resources
(25 Kilowatts or Less)



Issued and Effective: April 3, 2008

Agreement Between


Barry A. Muccio (Agent)
Director of Operations
Wolfeboro Municipal Electric Department
Dated: 5/20/16

And

Grace McCracken
37 Wilmerville Rd.
Wolfeboro, NH 03374

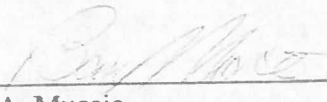
Dated: _____

ARTICLE VII. INDEMNIFICATION


The following Mutual Indemnity Agreement provision as stated within the New Hampshire Code of Administrative Rules, Chapter Puc 900, Page 32, Appendix II, will be acknowledged as the Mutual Indemnity Agreement between the Wolfeboro Municipal Electric Department and the eligible net metered Customer-Generator.

"Each Party shall hold harmless, indemnify and defend the other Party and its directors, officers, agents and employees against any and all loss, liability, damage, or expense, including any direct, indirect or consequential loss, liability, damage, or expense, but not including attorney's fees unless awarded by a court of competent jurisdiction, for injury or death to persons, including employees of either Party, and damage to property, including property of either Party, arising out of or in connection with intentional, willful, wanton, reckless or negligent conduct regarding (a) the engineering, design, construction, maintenance, repair, operation, supervision, inspection, testing protection or ownership of the Party's facilities, or (b) the making of replacements, additions, or improvements to, or reconstruction of, the Party's facilities. However, neither Party shall be indemnified hereunder for any loss, liability, damage or expense resulting from its sole negligence or willful misconduct. Notwithstanding the indemnity provisions contained herein, except for a Party's willful misconduct or sole negligence, each Party shall be responsible for damage to its own facilities resulting from electrical disturbances or faults".

Distribution Utility:

 _____ Signature of Authorized Utility Personnel
Barry A. Muccio
Director of Operations
Wolfeboro Municipal Electric Department
Date Signed 5/20/16

Eligible Customer Generator:

 _____ Signature of Customer Generator
BRUCE E. MCCracken _____ Printed/Typed Name of Customer
Date Signed May 20, 2016



3. The initial start-up test (per standards of Puc 905.04) has been successfully completed:

Utility representative (check one): YES ☒ NO ☐

The initial start-up test completed by (vendor/installer): [Signature]

The initial start-up test witnessed by (utility representative): [Signature]

4. Applicant agrees to install and operate the system in accordance with the provisions set forth within this Document: Wolfeboro Municipal Electric Department Net Metering Pilot Program, Customer Owned Renewable Energy Resources (25Kilowatts or Less).

I hereby certify that, to the best of my knowledge, all of the information provided in this Application is true and correct.

Signature of Applicant: [Signature]

Date: May 30, 2016

Sign
Here

The Customer Generator shall provide the Wolfeboro Municipal Electric Department with a written update of the information on this form as any changes occur throughout the term of the interconnection.

New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor, or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Bruce E McCracken

Printed Name of signature owner

Bruce E McCracken

Bruce E McCracken (Jul 1, 2016)

Signature of system owner

WOLFEBORO MUNICIPAL ELECTRIC DEPARTMENT
NET METERED-INTERCONNECTION APPLICATION

Customer-Owned Renewable Energy Generation Resources
(25 Kilowatts or Less)

Customer Applicant Information

Name: Bruce McCracken
Mailing Address: 82 Waumbuck Rd. P.O. Box 972
Town: Wolfeboro State: NH Zip Code: 03894
Facility Location (if different from above): _____
Contact Phone #: 603 529-5210 Cell #: _____
Electric Account # (if existing): _____
Energy Generation Source/Type (check one): Solar X Wind _____ Hydro _____
Generator Manufacturer: Soniva
Model, Name & Number: OPT285-60-4-100
Generation Output in Kilowatts: 9.975 + 2.125 = 12.1 KW COMBINED
Phase (check one): Single X Three-phase _____
Inverter Manufacturer: Solar Edge
Model, Name & Number: SE11400A-US

Installation Information & Certification

Installation Date: 5/22/16 Interconnection Date: 5/22/16
Installation Electrician: Frase Electric LLC License #: 4146M
Mailing Address: 789 Whittier Hwy
Town: So. Tamworth State: NH Zip Code: 03803
Contact Phone #: 603 284-6618 Cell #: _____

1. The system hardware is listed in compliance to Underwriters Laboratories standards to be in compliance with UL 1741:

Signed (Vendor): [Signature] Date: 5/16/16
Name (printed): Kim Frase Company: Frase Electric LLC

2. The system has been installed in compliance with local Building/Electrical Code of:

Town/ County: Wolfeboro/Carroll
Signed (Inspector): [Signature] Date: 5/22/16